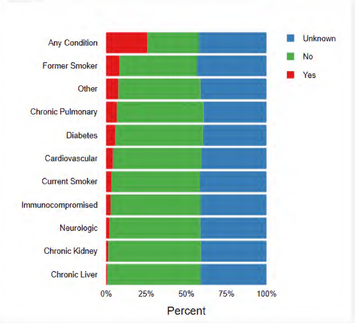
Cases are interviewed by public health to determine what potential medical risk factors they may have had prior to getting COVID-19. This is not a complete list of conditions and rates may change as public health collects more data and performs additional analysis. Examples of persons with compromised immune systems include those with cancer and transplant patients who are taking certain immunosuppressive drugs, persons with HIV/AIDS, and those with inherited diseases that affect the immune system. Examples of persons with chronic pulmonary conditions include those with uncontrolled asthma or COPD.

Pre-Existing Conditions of All Cases

Pre-Existing Condition	Yes	No	Unknown	Percent with Condition, Excluding Unknowns
Any Condition	1471	1836	2417	44.5%
Former Smoker	472	2768	2484	14.6%
Other	434	2929	2361	12.9%
Chronic Pulmonary	380	3095	2249	10.9%
Diabetes	324	3131	2269	9.4%
Cardiovascular	240	3157	2327	7.1%
Current Smoker	180	3166	2378	5.4%
Immunocompromised	156	3214	2354	4.6%
Neurologic	115	3247	2362	3.4%
Chronic Kidney	74	3306	2344	2.2%
Chronic Liver	37	3337	2350	1.1%

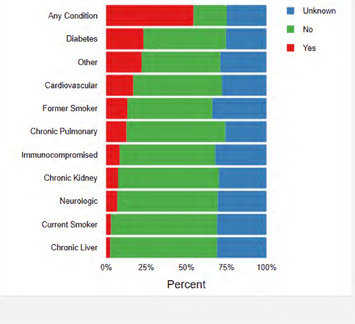
Pre-Existing Conditions of All Cases (tooltip shows the percent among all cases, including unknowns)



Pre-Existing Conditions of Hospitalized Cases

Pre-Existing Condition	Yes	No	Unknown	Percent with Condition, Excluding Unknowns
Any Condition	259	99	118	72.3%
Diabetes	111	244	121	31.3%
Other	105	234	137	31%
Cardiovascular	80	263	133	23.3%
Former Smoker	63	252	161	20%
Chronic Pulmonary	60	293	123	17%
Immunocompromised	40	283	153	12.4%
Chronic Kidney	35	299	142	10.5%
Neurologic	33	298	145	10%
Current Smoker	14	315	147	4.3%
Chronic Liver	12	317	147	3.6%

Pre-Existing Conditions of Hospitalized Cases (tooltip shows the percent among all cases, including unknowns)

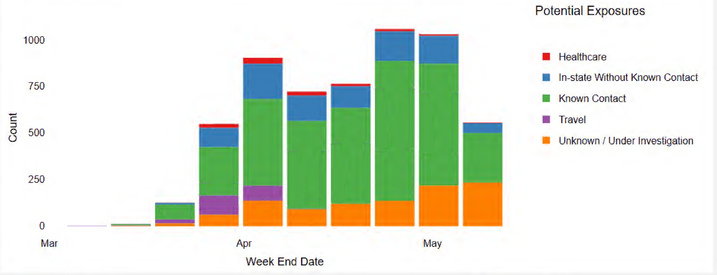


Potential Exposures

Exposures are determined through LHD and UDOH case investigations. Each case is mapped to a single "primary exposure". Please note that some cases have multiple potential exposures, so cases are mapped to exposures in the following order: 1) Known close contact to a confirmed case, 2) Travel in the past 14 days, 3) Healthcare (either through being a healthcare worker, patient, or visitor in a healthcare setting), 4) In-state transmission with no known contacts, 5) Under investigation. In-state transmission with no known contacts is defined as a patient with no known out of state travel, close contacts, or healthcare exposures. These exposures are commonly referred to as community spread or community transmission.

Known exposures are further broken down by type (green pie chart). "Social" refers to exposures between friends and acquaintances; "Other" refers to known contact with a lab confirmed case outside of home, work, and social settings; "Unspecified" is known contact to a confirmed case but without enough information to determine the setting of that exposure. Exposure categories are not all encompassing and may change as public health collects more data and updates analysis.

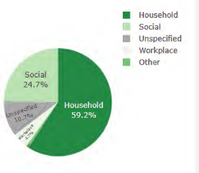
Primary Exposures by Week



Primary Investigated Exposures

Exposure	Count	Percent
Healthcare	113	2%
In-state Without Known Contact	919	16.1%
Known Contact	3465	60.5%
Travel	213	3.7%
Unknown / Under Investigation	1014	17.7%

Type of Known Contact

Known Contact Type	Count	Percent
Household	2050	59.2%
Other	25	0.7%
Social	855	24.7%
Unspecified	372	10.7%
Workplace	163	4.7%

Type of Known Contact